

## EAST Search History

### EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                           | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------------------------|------------------|---------|------------------|
| L1    | 1677 | (131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:05 |
| L2    | 1133 | I1 and filter   | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:05 |
| L3    | 8    | I1 and filter and tar retention   | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:05 |
| L4    | 96   | I1 and filter and draw resistance   | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:06 |
| L5    | 4    | I3 and I4   | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:06 |
| L6    | 412  | I1 and filter and (draw resistance or pressure drop)  | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:06 |
| L7    | 7    | I3 and I6   | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:06 |
| L8    | 244  | I1 and filter and (draw resistance or pressure drop) and tar  | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:06 |
| L9    | 10   | I1 and filter and (draw resistance or pressure drop) and tar (retention or amount)  | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:07 |
| L10   | 10   | I1 and filter and (draw resistance or pressure drop) and tar (retention or amount or percent%3)   | US-PGPUB; USPAT               | ADJ              | ON      | 2010/07/20 11:07 |
| S2    | 16   | "2294861"   | US-PGPUB; USPAT; EPO; DERWENT | ADJ              | ON      | 2009/01/22 14:22 |
| S3    | 8    | "0105682"   | US-PGPUB; USPAT; EPO; DERWENT | ADJ              | ON      | 2009/01/22 14:41 |
| S5    | 1317 | ((tobacco or tar) filter near5 filter)  | US-PGPUB; USPAT; EPO; DERWENT | ADJ              | ON      | 2009/01/22 14:54 |

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| S6  | 3     | ((tobacco or tar) filter same (tar with retention))   | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2009/01/22 14:54 |
| S7  | 1     | ((tobacco or tar) filter same (tar with retention))   | US-PGPUB; USPAT               | ADJ | ON | 2009/01/22 15:07 |
| S8  | 1     | ((tobacco or tar) filter same (tar near retention))   | US-PGPUB; USPAT               | ADJ | ON | 2009/01/22 15:08 |
| S9  | 1     | ((tobacco or tar) filter same (tar near5 retention))  | US-PGPUB; USPAT               | ADJ | ON | 2009/01/22 15:08 |
| S10 | 22    | ((tobacco or tar) filter and (tar near5 retention))   | US-PGPUB; USPAT               | ADJ | ON | 2009/01/22 15:08 |
| S11 | 383   | (tobacco or cigarette) filter and (draw near5 resistance)   | US-PGPUB; USPAT               | ADJ | ON | 2009/01/22 15:45 |
| S12 | 38    | (tobacco or cigarette) filter and (draw near5 resistance) and (tar near5 retention)                             | US-PGPUB; USPAT               | ADJ | ON | 2009/01/22 15:46 |
| S13 | 0     | (tobacco or cigarette) filter and (draw near5 resistance) and (tar near5 retention) and @ad<="2004"             | US-PGPUB; USPAT               | ADJ | ON | 2009/01/22 15:46 |
| S14 | 4     | clarke-paul.in.   | US-PGPUB; USPAT               | ADJ | ON | 2009/01/22 16:03 |
| S18 | 13536 | philip.in.  | EPO                           | ADJ | ON | 2009/01/26 08:05 |
| S19 | 16    | 131/202.ccls. and (tar near5 retention)   | US-PGPUB; USPAT               | ADJ | ON | 2009/01/26 08:32 |
| S20 | 31    | 131/202.ccls. and (dual near5 filter)   | US-PGPUB; USPAT               | ADJ | ON | 2009/01/26 08:36 |
| S21 | 16    | 131/202.ccls. and ((dual near5 filter) and draw resistance)   | US-PGPUB; USPAT               | ADJ | ON | 2009/01/26 08:36 |
| S22 | 42    | 131/202.ccls. and (((dual or double or two) near5 filter) and ((draw near5 resistance or pressure near5 drop))) | US-PGPUB; USPAT               | ADJ | ON | 2009/01/26 08:52 |
| S23 | 26    | S22 not S21   | US-PGPUB; USPAT               | ADJ | ON | 2009/01/26 08:52 |
| S24 | 3     | "0532329"   | US-PGPUB; USPAT; EPO          | ADJ | ON | 2009/01/26 09:17 |

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| S25 | 4     | "0532329"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/01/26<br>09:17 |
| S26 | 217   | (131/202.ccls. or<br>131/331+.ccls. or<br>131/338-341.ccls. or<br>131/361.ccls. or<br>131/365.ccls.) and<br>(((dual or double or<br>two) near5 filter) and<br>((draw near5<br>resistance or pressure<br>near5 drop))) | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>09:31 |
| S27 | 9046  | (((dual or double or<br>two) near5 filter) and<br>((draw near5<br>resistance or pressure<br>near5 drop or pd)))   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:02 |
| S28 | 24    | dual filter same draw<br>resistance   | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:06 |
| S29 | 165   | filter same draw<br>resistance  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:18 |
| S30 | 165   | (filter same draw<br>resistance)  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:21 |
| S31 | 165   | (filter same draw<br>resistance) and<br>ad< "2005"  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:21 |
| S32 | 165   | (filter same draw<br>resistance) and<br>ad< "20031013"  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:21 |
| S33 | 12013 | (filter same (draw<br>resistance or pressure<br>drop))  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:24 |
| S34 | 19    | (tobacco filter same<br>(draw resistance or<br>pressure drop))  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:24 |
| S35 | 19    | (tobacco filter same<br>(draw resistance or<br>pressure drop or puff<br>resistance))  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:27 |
| S36 | 1     | (filter same (draw<br>resistance or pressure<br>drop)) and bonded<br>filamentary tow  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/01/26<br>10:33 |

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| S37 | 2714  | (filter same (draw resistance or pressure drop)) and (cellulose or acetate)  | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 10:34 |
| S38 | 938   | (filter same (draw resistance or pressure drop)) and (cellulose acetate)   | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 10:35 |
| S39 | 310   | (filter same (draw resistance or pressure drop)) and (cellulose acetate) and tar   | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 10:40 |
| S40 | 19    | (filter same (draw resistance or pressure drop)) and (cellulose acetate) and tar retention   | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 10:56 |
| S41 | 15    | (tobacco or cigarette) filter and ring tipping   | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 12:00 |
| S42 | 7     | "5423336"  | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 12:14 |
| S43 | 14    | co/tar   | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 13:34 |
| S44 | 3     | co/tar and dual filter   | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 13:36 |
| S45 | 3     | co/tar and dual filter and cellulose acetate   | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 13:38 |
| S46 | 18909 | filter and mirror image  | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 13:47 |
| S47 | 8     | tobacco filter and mirror image  | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 13:47 |
| S48 | 51    | cigarette filter and mirror image  | US-PGPUB; USPAT  | ADJ | ON  | 2009/01/26 13:48 |
| S49 | 10    | (US-20020148478-\$ or US-20050076927-\$ or US-20020166563-\$). did. or (US-3690326-\$ or US-4015611-\$ or US-4193412-\$ or US-5423336-\$ or US-5839449-\$ or US-4492240-\$). did. or (GB-2294861-\$). did. | US-PGPUB; USPAT; EPO                                     | ADJ | OFF | 2009/08/11 11:32 |
| S50 | 3     | S49 and draw resistance  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/08/11 11:32 |

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| S51 | 4    | S49 and tar retention                                   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/11<br>11:35 |
| S52 | 2    | dual filter and draw<br>resistance and tar<br>retention | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/11<br>11:43 |
| S53 | 13   | filter and draw<br>resistance and tar<br>retention      | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/11<br>11:56 |
| S54 | 13   | filter and draw<br>resistance and tar<br>retention      | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/11<br>11:56 |
| S55 | 13   | draw resistance and tar<br>retention                    | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/11<br>12:02 |
| S56 | 1116 | dual filter   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/11<br>12:07 |
| S57 | 448  | draw resistance   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/11<br>12:31 |
| S58 | 276  | draw resistance and<br>filter                           | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/11<br>12:31 |

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| S59 | 255  | draw resistance and (filter with cigarette)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2009/08/11 12:31 |
| S60 | 1337 | (draw resistance or pressure drop) and (filter with cigarette)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2009/08/11 12:36 |
| S61 | 21   | (draw resistance or pressure drop) and (filter with cigarette) and tar retention  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON  | 2009/08/11 12:36 |
| S62 | 797  | CO delivery   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/08/17 08:24 |
| S63 | 34   | CO delivery with mg   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/08/17 08:24 |
| S64 | 0    | (131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw near5 resistance or pressure near5 drop)) and (dual near5 filte) | US-PGPUB; USPAT  | ADJ | ON  | 2010/02/04 11:42 |

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| S65 | 89 | (131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw near5 resistance or pressure near5 drop)) and (dual near5 filter) | US-PGPUB; USPAT | ADJ | ON | 2010/02/04 11:42 |
| S66 | 85 | (131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw resistance or pressure drop)) and (dual near5 filter)             | US-PGPUB; USPAT | ADJ | ON | 2010/02/04 11:43 |
| S67 | 49 | (131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw resistance or pressure drop)) and (dual filter)                   | US-PGPUB; USPAT | ADJ | ON | 2010/02/04 11:43 |
| S68 | 29 | (131/202.ccls. or 131/331+.ccls. or 131/338.ccls. or 131/339.ccls. or 131/340.ccls. or 131/341.ccls. or 131/361.ccls. or 131/365.ccls.) and ((draw resistance or pressure drop)) same (dual near5 filter)            | US-PGPUB; USPAT | ADJ | ON | 2010/02/04 11:43 |

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| S69 | 29 | (131/202.ccls. or<br>131/331+.ccls. or<br>131/338.ccls. or<br>131/339.ccls. or<br>131/340.ccls. or<br>131/341.ccls. or<br>131/361.ccls. or<br>131/365.ccls.) and<br>(((draw resistance or<br>pressure drop)) same<br>(dual near5 filter)) | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/04<br>11:44 |
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7/20/2010 11:07:36 AM

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